

IN THE CLAIMS:

Please cancel Claims 1 to 19 without prejudice or disclaimer of subject matter. Please add Claim 20.

1 to 19. (Cancelled).

20. (New) A method of manufacturing a radiation imaging apparatus comprising:

a plurality of imaging elements comprising each a plurality of pixels and an external terminal,

wherein a lead constituting the external terminal is extend to the side opposite to a light receiving surface each of the imaging element through a space between the adjacent imaging elements;

comprising the following steps of;

forming the first planarization layer which covers said external terminal, on the light receiving surface and covering;

forming the second planarization layer on said first planarization layer; and

forming a substrate which a scintillator is formed on said second planarization layer via a adhesive layer.